

ABSTRACT OF THE DISCLOSURE

An encoding apparatus includes a first encoder for encoding inputted picture information at a first rate or first resolution, and a second encoder for encoding the inputted picture information at a second rate lower than the first rate or at second resolution lower than the first resolution, in which when the second encoder encodes picture information, the second encoder encodes the picture information by use of encoding information of picture information in the first encoder corresponding to the picture information, and the encoding apparatus outputs the picture information encoded by the first encoder and the second encoder, respectively, thereby the second encoder executing the encoding by using encoding information of the first encoder.